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BANGALORE UNIVERSITY
DEPARTMENT OF CIVIL ENGINEERING

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BUB/CTE/2014-15/ Date: 09-03-2015

TEST REPORT ON WET MIX MACADAM MIX
(GRADATION TEST)

Sub: To conduct Gradation test on Wet Mix Macadam (WMM) Mix.
{Project*:Improvements and Asphalting to Saptagiri. layout roads in Ward No.09 of Vidyaranyapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 06-03-2015

Sample supplied to lab by: Sri.B.B.Umesh, Contractor, Bangalore.

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub-Division. BBMP, Bangalore.

TEST RESULTS

1. Gradation Test:

TABLE 1.1

Sieve Size mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Specified Limits as per MoRTH Specifications, IV Revision-2001
53.00	**100.00**	100
45.00	**97.10**	95-100
26.50	**---**	-
22.40	**75.30**	60-80
11.20	**47.20**	40-60
4.75	**38.60**	25-40
2.36	**22.00**	15-30
0.600	**17.50**	8-22
0.075	**4.30**	0-8

*As Furnished by Client

The Results relate only to the items tested

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9/3/2015

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BUB/CTE/2014-15/ Date: 13-04-2015

TEST REPORT ON BITUMINOUS MIXES
(BITUMEN EXTRACTION TEST & GRADATION TEST)

Sub: Testing of Bitumen Premix Sample (Semi Dense Bituminous Concrete-SDBC).
{Project*:Improvements and Asphalting to Saptagiri. layout roads in Ward No.09 of Vidyaranyapura Sub-Division}

Ref.: Letter No. Testing/BUB/2014-15, dated 10-04-2015

Sample supplied to lab by: Sri.B.B.Umesh, Contractor, Bangalore.

Report required for: Assistant Executive Engineer, Vidyaranyapura Sub-Division. BBMP, Bangalore.

TEST RESULTS:

5. The bitumen content obtained after subjecting the sample for Bitumen Extraction test = **5.06 %**
6. **Gradation Test** :

Sieve Size, mm	Percent by Weight passing the Sieve from the sample supplied (Obtained Gradation)	Gradation requirement as per Table 500-15 of MORTH Specifications-2001 (Grading – 2)
13.2	**100**	100
9.5	**96.40**	90—100
4.75	**42.80**	35—51
2.36	**38.00**	24—39
1.18	**21.90**	15—30
0.3	**17.00**	09—19
0.075	**4.50**	03—08

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13/04/2015
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